

FILE 'USPAT' ENTERED AT 11:24:11 ON 02 JUN 1998

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\* W E L C O M E T O T H E  
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\* U . S . P A T E N T T E X T F  
I L E \*  
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=> s ((tumor? or tumour?)(w)(necros?  
factor?))(5a)receptor?

22089 TUMOR?  
2061 TUMOUR?  
7120 NECROS?  
413965 FACTOR?  
2191 NECROS? FACTOR?  
(NECROS?(W)FACTOR?)  
32151 RECEPTOR?  
L1 113 ((TUMOR? OR  
TUMOUR?)(W)(NECROS? FACTOR?))(5A)RECEPTOR?

=> s l1 and (DNA? or cDNA? or rna? or mRNA?  
or clon?)

24790 DNA?  
8581 CDNA?  
14544 RNA?  
7557 MRNA?  
20589 CLON?  
L2 109 L1 AND (DNA? OR CDNA? OR RNA?  
OR MRNA? OR CLON?)

=> d 1-20

1. 5,756,291, May 26, 1998, Aptamers specific for biomolecules and methods of making; Linda Griffin, et al., 435/6; 530/413; 536/23.1; 935/77, 78 [IMAGE AVAILABLE]
2. 5,753,628, May 19, 1998, Peptide inhibitors of TNF containing predominantly D-amino acids; George A. Heavner, et al., 514/17, 12, 13, 14, 15, 16, 18; 530/324, 325, 326, 327, 328, 329, 330 [IMAGE AVAILABLE]
3. 5,753,620, May 19, 1998, Human therapeutic uses of BPI protein products; Nadav Friedmann, et al., 514/12; 424/85.1, 85.2, 529, 534; 514/21, 921; 530/324, 350, 351, 830 [IMAGE AVAILABLE]
4. 5,753,462, May 19, 1998, Secretion leader trap **cloning** method; Si Lok, 435/69.1, 172.3; 536/23.1 [IMAGE AVAILABLE]
5. 5,753,225, May 19, 1998, Antibodies that mimic actions of neurotrophins; Douglas O. Clary, et al., 424/130.1, 141.1, 143.1, 156.1; 530/387.1, 388.1, 388.22 [IMAGE AVAILABLE]
6. 5,750,653, May 12, 1998, Protein, FAF1, which potentiates

Fas-mediated apoptosis and uses thereof;  
Keting Chu, et al., 530/350;  
435/7.1, 69.7 [IMAGE AVAILABLE]

7. 5,747,292, May 5, 1998, Chimeric cytokine receptors in lymphocytes;  
Philip D. Greenberg, et al., 435/69.7, 252.3, 320.1; 530/350; 536/23.4  
[IMAGE AVAILABLE]

8. 5,747,245, May 5, 1998, Nucleic acids encoding Fas associated proteins and screening assays using same;  
John C. Reed, et al., 435/6, 91.2; 536/23.1, 24.3, 24.33 [IMAGE AVAILABLE]

9. 5,744,304, Apr. 28, 1998, Inflammation-induced expression of a recombinant gene; Robert S. Munford, 435/6, 69.1, 172.3; 514/44 [IMAGE AVAILABLE]

10. 5,741,667, Apr. 21, 1998, **Tumor necrosis factor receptor**-associated factors; David V. Goeddel, et al., 435/69.1, 252.3, 320.1; 536/23.5 [IMAGE AVAILABLE]

11. 5,739,300, Apr. 14, 1998, Antiadhesive piperidine-and pyrrolidinecarboxylic acids; Alexander Toepfer, et al., 536/4.1, 18.5, 120, 123 [IMAGE AVAILABLE]

12. 5,733,572, Mar. 31, 1998, Gas and gaseous precursor filled microspheres as topical and subcutaneous delivery vehicles; Evan C. Unger, et al., 424/450, 1.21, 9.321, 9.4, 489; 436/829 [IMAGE AVAILABLE]

13. 5,728,803, Mar. 17, 1998, Pantropic neurotrophic factors; Roman Urfer, et al., 530/350, 399 [IMAGE AVAILABLE]

14. 5,725,856, Mar. 10, 1998, Monoclonal antibodies directed to the HER2 receptor; Robert M. Hudziak, et al., 424/130.1, 138.1, 143.1, 156.1, 178.1; 530/387.7, 388.85, 391.3, 391.7 [IMAGE AVAILABLE]

15. 5,723,332, Mar. 3, 1998, Translational enhancer **DNA**; Yuti Luis Alberto Chernajovsky, 435/320.1; 536/23.1, 24.1 [IMAGE AVAILABLE]

16. 5,723,290, Mar. 3, 1998, Methods for profiling **mRNA** expression in neurites; James Eberwine, et al., 435/6, 91.2, 91.21, 91.51; 536/23.5, 24.31; 935/17, 18, 77, 78 [IMAGE AVAILABLE]

17. 5,723,116, Mar. 3, 1998, Decreased mortality of severe acute pancreatitis following proximal cytokine blockade; James G. Norman, Jr., 424/85.1, 85.2; 514/8, 12, 21; 530/324, 351 [IMAGE AVAILABLE]

18. 5,721,121, Feb. 24, 1998, Mammalian cell culture process for producing a **tumor necrosis factor receptor** immunoglobulin

chimeric protein; Tina Etcheverry, et al.,  
435/69.7, 325, 328, 358, 361;  
530/387.3, 395 [IMAGE AVAILABLE]

19. 5,720,954, Feb. 24, 1998, Monoclonal  
antibodies directed to the HER2  
receptor; Robert M. Hudziak, et al.,  
424/130.1, 85.1, 138.1, 143.1,  
156.1, 178.1, 198.1; 530/387.7, 388.85,  
391.3, 391.7 [IMAGE AVAILABLE]

20. 5,720,937, Feb. 24, 1998, In vivo tumor  
detection assay; Robert M.  
Hudziak, et al., 424/9.34; 435/7.23, 40.52;  
436/504; 530/387.7, 388.8  
[IMAGE AVAILABLE]

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21. 5,716,946, Feb. 10, 1998, Multiple  
sclerosis treatment; Hector F.  
DeLuca, et al., 514/167 [IMAGE AVAILABLE]

22. 5,716,805, Feb. 10, 1998, Methods of  
preparing soluble, oligomeric  
proteins; Subhashini Srinivasan, et al.,  
435/69.1, 7.2, 69.7, 70.1, 71.1,  
172.3, 252.3, 320.1, 325; 530/350; 536/23.1,  
23.5 [IMAGE AVAILABLE]

23. 5,712,381, Jan. 27, 1998, MADD, a TNF  
receptor death domain ligand  
protein; Lih-Ling Lin, et al., 536/23.5;  
435/69.1, 70.1, 320.1, 325;  
530/300, 350 [IMAGE AVAILABLE]

24. 5,712,155, Jan. 27, 1998, **DNA encoding  
tumor necrosis  
factor**-alpha. and -beta. **receptors**; Craig  
A. Smith, et al.,  
435/320.1; 424/85.1; 435/69.3, 69.5; 530/351,  
388.23, 389.2; 536/23.1;  
935/12 [IMAGE AVAILABLE]

25. 5,712,115, Jan. 27, 1998, Human cell  
death-associated protein;  
Phillip R. Hawkins, et al., 435/69.1, 320.1,  
326; 536/23.5; 935/22, 66  
[IMAGE AVAILABLE]

26. 5,710,013, Jan. 20, 1998, **Tumor necrosis  
factor  
receptor** associated factor 6 (TRAF6); David  
V. Goeddel, et al.,  
435/29, 4, 6, 69.1; 536/23.1, 23.5, 24.3,  
24.31, 24.33 [IMAGE AVAILABLE]

27. 5,708,142, Jan. 13, 1998, **Tumor necrosis  
factor  
receptor**-associated factors; David V.  
Goeddel, et al., 530/350;  
435/69.1, 252.3, 320.1; 536/23.5 [IMAGE  
AVAILABLE]

28. 5,705,615, Jan. 6, 1998, Antibodies  
specific for HT.sub.m4; Bing  
Lim, et al., 530/387.9, 388.23, 389.6 [IMAGE  
AVAILABLE]

29. 5,705,364, Jan. 6, 1998, Mammalian cell  
culture process; Tina  
Etcheverry, et al., 435/70.3, 375, 383, 395  
[IMAGE AVAILABLE]

30. 5,705,349, Jan. 6, 1998, Methods for  
preparing polynucleotides  
encoding orphan receptor ligands; Richard D.  
Holly, et al., 435/7.2, 6,  
7.21, 69.1, 69.5, 172.1, 372, 372.1, 405;  
436/501; 536/23.1, 23.5 [IMAGE  
AVAILABLE]

31. 5,686,409, Nov. 11, 1997, Antirestenosis  
protein; D. Grant McFadden,  
et al., 514/12; 604/53, 265, 269 [IMAGE  
AVAILABLE]

32. 5,684,222, Nov. 4, 1997, Mutant mouse  
having a disrupted TNFRp55;  
Tak W. Mak, 800/2; 424/9.2; 435/172.3;  
800/DIG.1, DIG.2 [IMAGE AVAILABLE]

33. 5,684,136, Nov. 4, 1997, Chimeric  
hepatocyte growth factor (HGF)  
ligand variants; Paul J. Godowski, 530/399,  
387.3 [IMAGE AVAILABLE]

34. 5,677,171, Oct. 14, 1997, Monoclonal  
antibodies directed to the HER2  
receptor; Robert M. Hudziak, et al.,  
435/7.23, 172.2, 334; 530/387.7,  
388.8, 388.85 [IMAGE AVAILABLE]

35. 5,674,734, Oct. 7, 1997, Cell death  
protein; Philip Leder, et al.,  
435/252.3, 69.1, 69.9, 183; 530/350;  
536/23.1, 23.4, 23.5 [IMAGE  
AVAILABLE]

36. 5,674,704, Oct. 7, 1997, Cytokine  
designated 4-IBB ligand; Raymond  
G. Goodwin, et al., 435/69.1, 320.1; 530/350;  
536/23.5 [IMAGE AVAILABLE]

37. 5,674,492, Oct. 7, 1997, Method of  
preventing or treating disease  
characterized by neoplastic cells expressing  
CD40; Richard J. Armitage,  
et al., 424/144.1, 143.1, 153.1, 154.1,  
155.1, 172.1, 173.1, 174.1;  
514/2, 8 [IMAGE AVAILABLE]

38. 5,670,319, Sep. 23, 1997, Assay for  
**tumor necrosis  
factor receptor**-associated factors; David V.  
Goeddel, et al.,  
435/6, 7.1, 7.2, 69.7, 172.3; 536/23.4 [IMAGE  
AVAILABLE]

39. 5,670,149, Sep. 23, 1997, Lymphotoxin-  
.beta., Lymphotoxin-.beta.  
complexes, pharmaceutical preparations and  
therapeutic uses thereof;  
Jeffrey Browning, et al., 424/130.1, 133.1,  
139.1, 141.1, 142.1, 145.1,  
158.1; 435/69.5; 530/388.22, 388.24 [IMAGE  
AVAILABLE]

40. 5,665,859, Sep. 9, 1997, Molecules  
influencing the shedding of the  
TNF receptor, their preparation and their  
use; David Wallach, et al.,  
530/328; 435/69.2, 226; 530/327, 350 [IMAGE  
AVAILABLE]

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41. 5,663,070, Sep. 2, 1997, Recombinant production of a soluble splice variant of the Fas (Apo-1) antigen, fas TM; Philip J. Barr, et al., 435/325, 69.1, 253.3, 254.11, 320.1, 348, 358, 361; 536/23.5 [IMAGE AVAILABLE]

42. 5,661,004, Aug. 26, 1997, Lymphotoxin-.beta., lymphotoxin-.beta. complexes, pharmaceutical preparations and therapeutic uses thereof; Jeffrey Browning, et al., 435/69.1, 325, 358, 366, 372.3; 536/23.5 [IMAGE AVAILABLE]

43. 5,658,949, Aug. 19, 1997, Inhibition of tumor necrosis factor by retinoic acid; Bharat B. Aggarwal, 514/557, 825, 895, 903 [IMAGE AVAILABLE]

44. 5,654,407, Aug. 5, 1997, Human anti-TNF antibodies; Petra Boyle, et al., 530/388.15; 424/142.1, 145.1, 158.1; 435/335; 530/388.23, 388.24 [IMAGE AVAILABLE]

45. 5,652,353, Jul. 29, 1997, DNAs encoding tumor necrosis factor-.alpha. muteins; Walter Fiers, et al., 536/23.5; 435/69.5, 172.3, 252.3, 320.1; 935/11, 22, 70, 73 [IMAGE AVAILABLE]

46. 5,652,225, Jul. 29, 1997, Methods and products for nucleic acid delivery; Jeffrey M. Isner, 514/44; 424/93.2; 435/172.1, 172.3, 320.1; 536/23.5, 23.51; 604/51, 52, 53; 935/9, 22, 32, 33, 34, 52, 57 [IMAGE AVAILABLE]

47. 5,652,210, Jul. 29, 1997, Soluble splice variant of the Fas (APO-1) antigen, Fas.DELTA.TM; Philip J. Barr, et al., 514/2; 435/69.1; 514/8; 530/350, 395 [IMAGE AVAILABLE]

48. 5,650,316, Jul. 22, 1997, Uses of triplex forming oligonucleotides for the treatment of human diseases; Bharat B. Aggarwal, et al., 435/375, 6, 7.23; 514/44; 536/24.31, 24.32, 24.33, 24.5 [IMAGE AVAILABLE]

49. 5,643,875, Jul. 1, 1997, Human therapeutic uses of bactericidal/permeability increasing (BPI) protein products; Nadav Friedmann, et al., 514/12; 424/85.1, 85.2, 529, 534; 514/21, 921; 530/324, 325, 351, 820 [IMAGE AVAILABLE]

50. 5,641,751, Jun. 24, 1997, Tumor necrosis factor inhibitors; George A. Heavner, 514/13, 12, 14, 15, 16, 17, 18; 530/324, 325, 326, 327, 328, 329, 330 [IMAGE AVAILABLE]

=> e greene, j/in

| E# | FILE | FREQUENCY | TERM |
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| E#  | FILE                  | FREQUENCY | TERM      |
|-----|-----------------------|-----------|-----------|
| E1  | USPAT IRWIN D/IN      | 1         | GREENE,   |
| E2  | USPAT IRWIN R/IN      | 1         | GREENE,   |
| E3  | USPAT J/IN            | 0 -->     | GREENE,   |
| E4  | USPAT JERROLD/IN      | 1         | GREENE, J |
| E5  | USPAT JACK C/IN       | 2         | GREENE,   |
| E6  | USPAT JACK E/IN       | 1         | GREENE,   |
| E7  | USPAT JACK T/IN       | 2         | GREENE,   |
| E8  | USPAT JAMES A/IN      | 3         | GREENE,   |
| E9  | USPAT JAMES ALBERT/IN | 1         | GREENE,   |
| E10 | USPAT JAMES E/IN      | 1         | GREENE,   |
| E11 | USPAT JAMES E JR/IN   | 1         | GREENE,   |
| E12 | USPAT JAMES H/IN      | 1         | GREENE,   |

=> e greene, john/in

| E#  | FILE                | FREQUENCY | TERM    |
|-----|---------------------|-----------|---------|
| E1  | USPAT JOEL C/IN     | 1         | GREENE, |
| E2  | USPAT JOHATHAN W/IN | 1         | GREENE, |
| E3  | USPAT JOHN/IN       | 2 -->     | GREENE, |
| E4  | USPAT JOHN D/IN     | 3         | GREENE, |
| E5  | USPAT JOHN F/IN     | 1         | GREENE, |
| E6  | USPAT JOHN F JR/IN  | 1         | GREENE, |
| E7  | USPAT JOHN JR/IN    | 1         | GREENE, |
| E8  | USPAT JOHN L/IN     | 1         | GREENE, |
| E9  | USPAT JOHN M/IN     | 2         | GREENE, |
| E10 | USPAT JOHN P/IN     | 2         | GREENE, |
| E11 | USPAT JONATHAN/IN   | 1         | GREENE, |
| E12 | USPAT JONATHAN A/IN | 1         | GREENE, |

=> s e3 or e9

|            |                                 |
|------------|---------------------------------|
| L3         | 2 "GREENE, JOHN"/IN             |
|            | 2 "GREENE, JOHN M"/IN           |
| JOHN M"/IN | 4 "GREENE, JOHN"/IN OR "GREENE, |

=> d 1-4

1. 5,728,546, Mar. 17, 1998, Fibroblast growth factor 13; John M. Greene, et al., 435/69.1, 320.1, 325; 536/23.51 [IMAGE AVAILABLE]

2. 5,710,035, Jan. 20, 1998, Human elastase IV; John M. Greene, et al., 435/218, 69.1, 172.3, 252.3, 254.11, 320.1, 348, 358, 365, 366, 419;

536/23.2 [IMAGE AVAILABLE]

3. 5,502,306, Mar. 26, 1996, Electron beam inspection system and method;  
Dan Meisburger, et al., 250/310, 307, 397  
[IMAGE AVAILABLE]

4. 5,299,736, Apr. 5, 1994, Air freshener device with a ceramic container and an absorbent pad; **John Greene**, 239/56, 34, 211 [IMAGE AVAILABLE]

=> e

|                |       |    |             |
|----------------|-------|----|-------------|
| E13            | USPAT | 10 | GREENE,     |
| JONATHAN W/IN  |       |    |             |
| E14            | USPAT | 1  | GREENE,     |
| JOSEPH E/IN    |       |    |             |
| E15            | USPAT | 4  | GREENE,     |
| JOSEPH L/IN    |       |    |             |
| E16            | USPAT | 1  | GREENE,     |
| JOSEPH L JR/IN |       |    |             |
| E17            | USPAT | 1  | GREENE,     |
| JOSEPH M/IN    |       |    |             |
| E18            | USPAT | 1  | GREENE,     |
| JOSEPH PAUL/IN |       |    |             |
| E19            | USPAT | 1  | GREENE,     |
| JOSEPH S/IN    |       |    |             |
| E20            | USPAT | 1  | GREENE, JOY |
| W/IN           |       |    |             |
| E21            | USPAT | 1  | GREENE,     |
| JOYCE A/IN     |       |    |             |
| E22            | USPAT | 3  | GREENE,     |
| KAREN C/IN     |       |    |             |
| E23            | USPAT | 1  | GREENE,     |
| KAREN J/IN     |       |    |             |
| E24            | USPAT | 2  | GREENE,     |
| KATHARINE M/IN |       |    |             |

=> d his

(FILE 'USPAT' ENTERED AT 11:24:11 ON 02 JUN 1998)

|  |                                |
|--|--------------------------------|
| L1   | 113 S ((TUMOR? OR              |
| TUMOUR?)(W)(NECROS? FACTOR?))(5A)RECEPTOR? |                                |
| L2   | 109 S L1 AND (DNA? OR CDNA? OR |
| RNA? OR MRNA? OR CLON?)                    |                                |
|  | E GREENE, J/IN                 |
|  | E GREENE, JOHN/IN              |
| L3   | 4 S E3 OR E9                   |